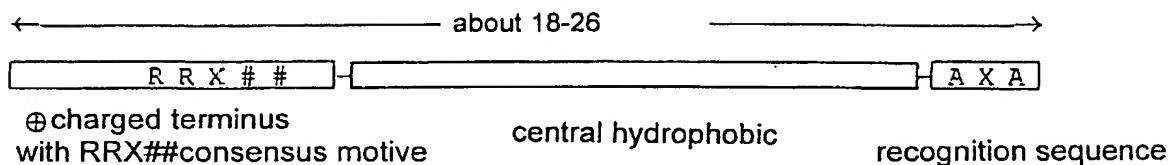
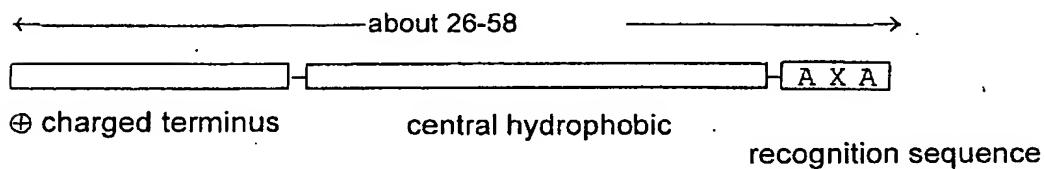


Fig. 1

Tat dependent signal sequence**Sec, YidC and SRP dependent signal sequence**

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Fig. 2

M N N N D L F Q A R R R F I A Q L G G L T
ATGAACA ATAACGATCT CTTTCAGGCA TCACGTCTGGC ACAACTCGGC
TACTTGT TATTGCTAGA GAAAGTCCGT AGTGCAGAACC G TGTTGAGCCG

R R X # # -

⊕ charged N-terminus RRX##consensus motive central hydrophobic

V A G M L G P S L L T R E R A T A
GTGCCGGGAT GCTGGGGCGATTGTTAA CGCCCGCACG
CACCGCCCTA CGACCCCCGC AGTAACAATCGCTGC

- A X A

central hydrophobic

leader peptidase
recognition sequence

Fig. 3

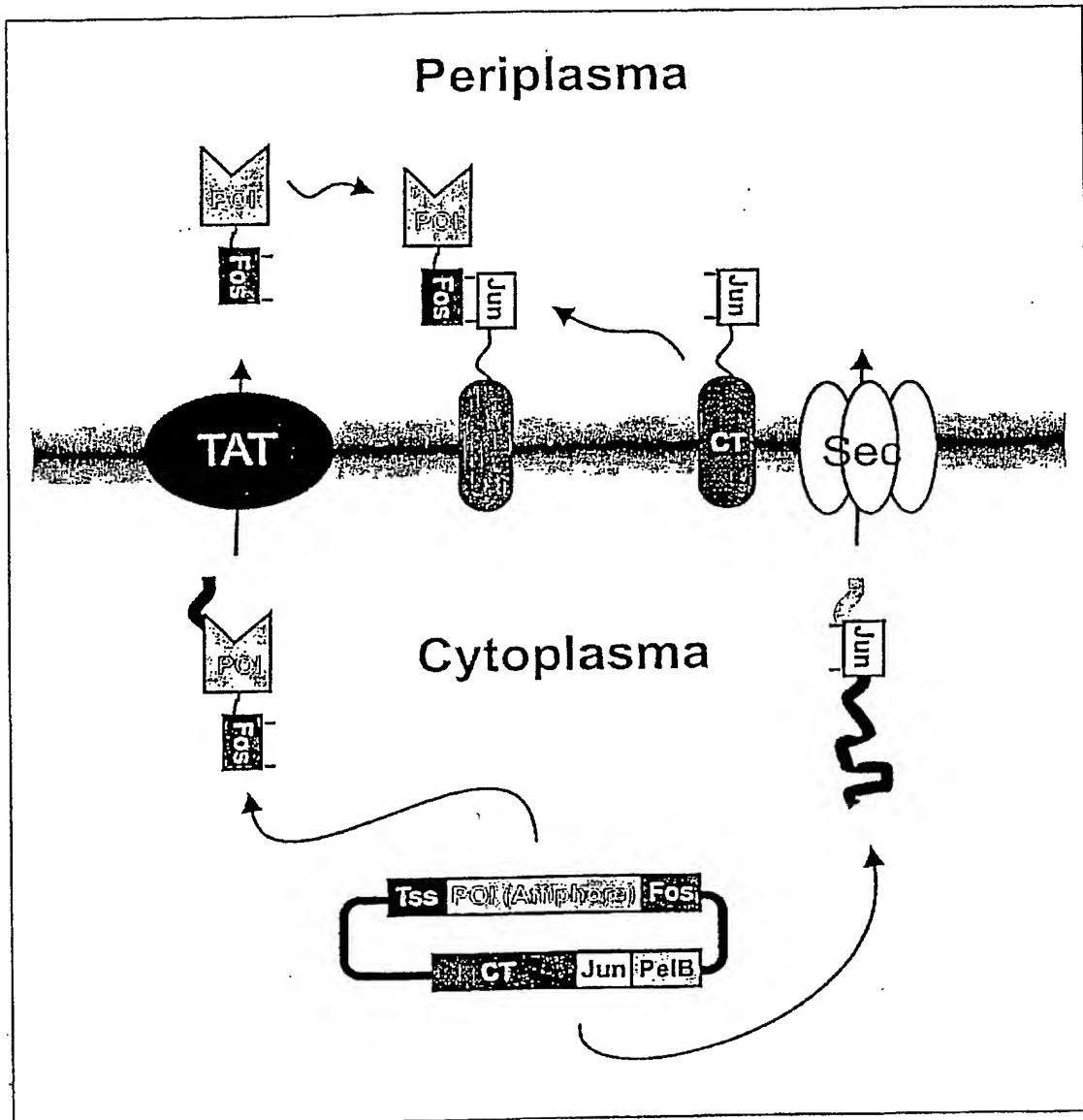


Fig. 4

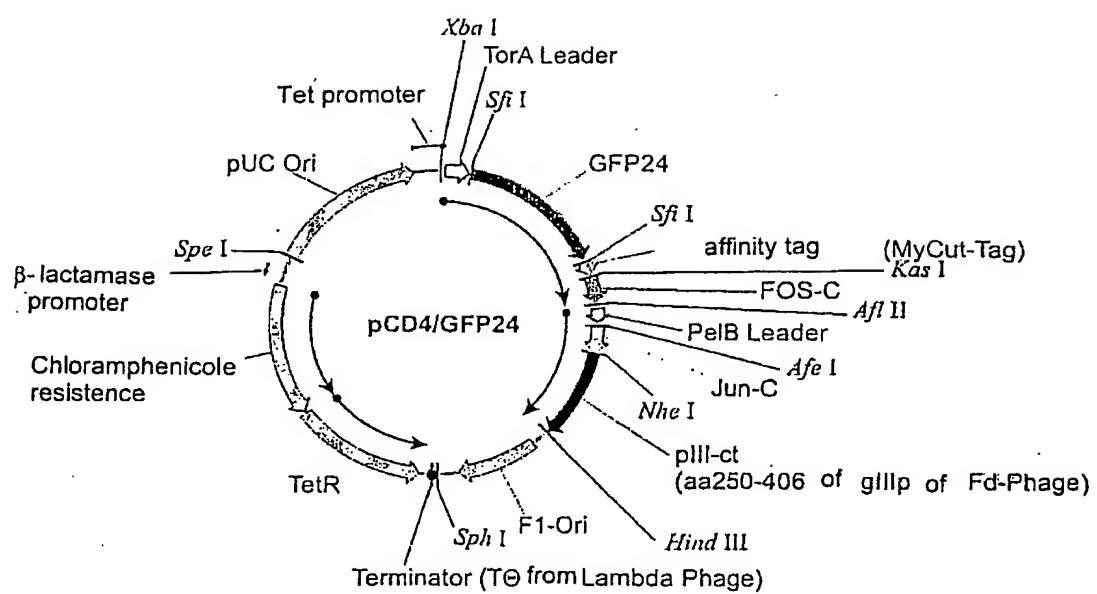
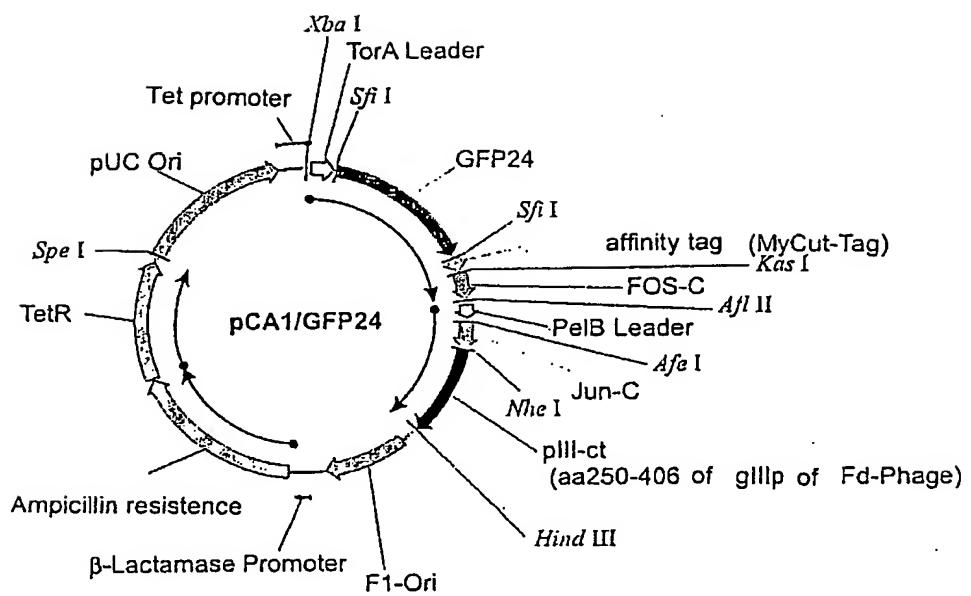


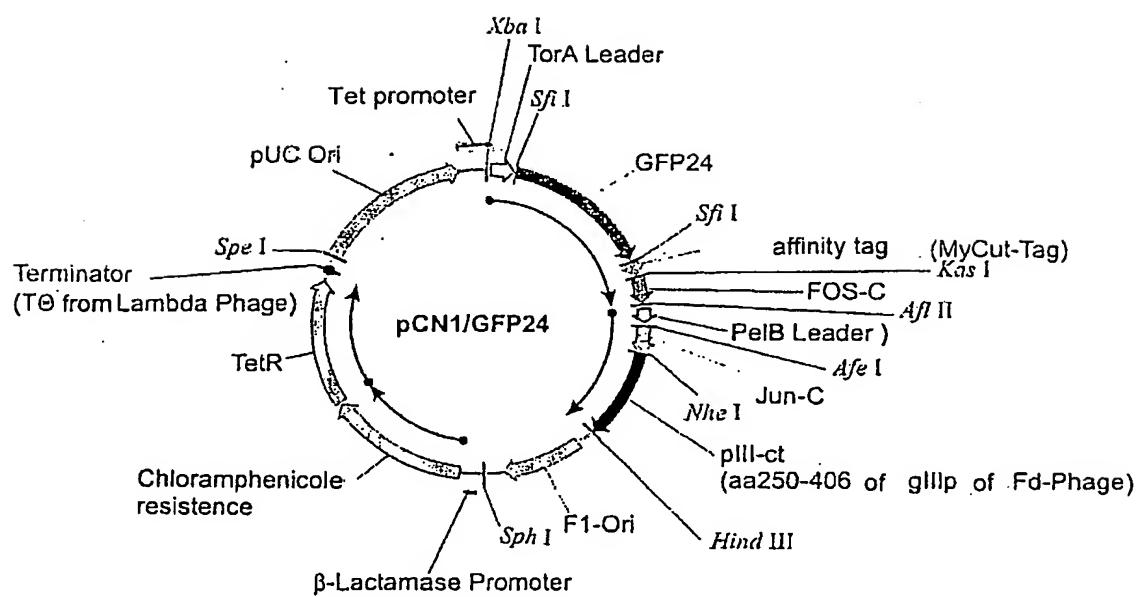
Fig. 5



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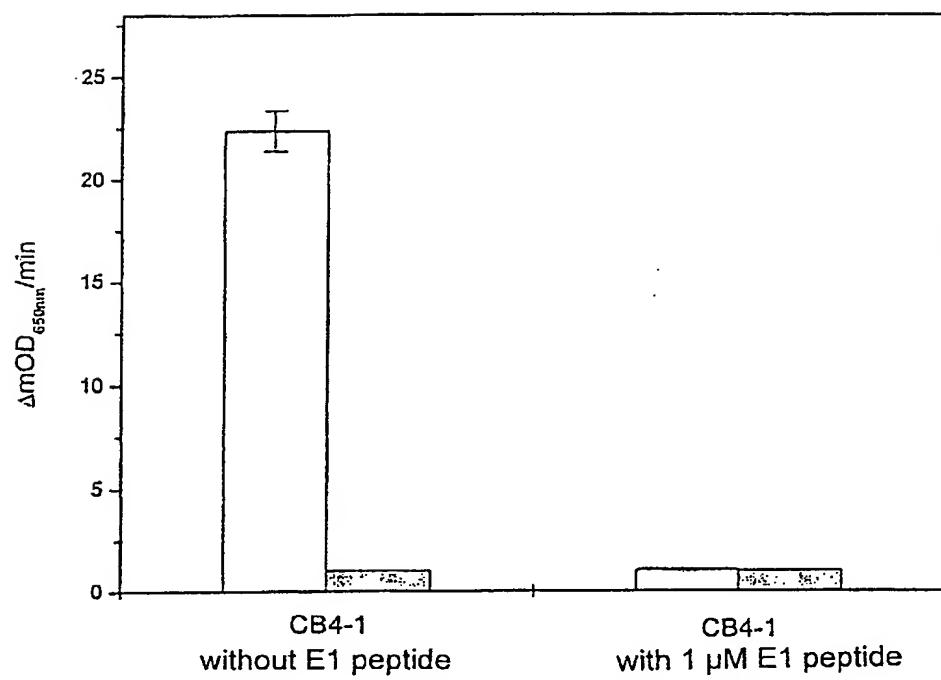
Fig. 6



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Fig. 7



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Fig. 8

